UTILITY
PATENT APPLICATION
TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	RAP115
First Inventor	KENNETH MANN
Title	Nuclear Quadrupole Resonance Based Inspection System Using A Highly Resonant and Compact Magnetic Structure
Express Mail Label No.	ER 560537974

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313 – 1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17
   (submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
   See 37 CFR 1.27
3. ☒ Specification   [Total Pages 29]
   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross Reference to Related Applications
     Statement Regarding Fed sponsored R&D
   - Reference to sequence listing, a table,
     or a computer program listing appendix
   - Background of the invention
   - Brief Summary of the invention
   - Brief Description of the Drawings (if filed)
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113)   [Total Sheets 8]
5. Oath or Declaration   [Total Sheets 2]
   a. ☒ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63(d))
      (for continuation/divisional with Box 18 completed)
      i. ☐ DELETION OF INVENTOR(S)
         Signed statement attached deleting inventor(s)
         name in the prior application, see 37 CFR
         1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
   a. ☐ Computer Reader Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ Paper
   c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73 (b) Statement   ☒ Power of Attorney
    (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449   ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 12 (b) (2) (B) (i). Applicant must attaché form PTO/SB/35 or its equivalent
17. ☐ Other: ....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation   ☐ Divisional   ☐ Continuation-in-part(CIP)   of prior application No. ....

Prior application information: Examiner _____   Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application. From which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label   (Insert Customer No. or Attach bar code label here) 29484   OR ☐ Correspondence address below

Name	PATENTMETRIX
Address	14252 CULVER DR., BOX 914

City	IRVINE		State	CA	Zip Code	92604
Country	USA		Telephone	714-368-9753	Fax	X 9723

Name (Print/type)	HAZIM H. ANSARI	Registration No. (Attorney/Agent)	40.896
Signature		Date	1/5/04

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FEE TRANSMITTAL
For FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

Complete if Known	
Application Number	UNKNOWN
Filing Date	
First Named Inventor	KENNETH MANN
Examiner Name	UNKNOWN
Art Unit	UNKNOWN
Attorney Docket No.	RAP115

TOTAL AMOUNT OF PAYMENT	$1066.00

16623
U.S. P

010504

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number

Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee
the above-identified deposit account.

FEE CALCULATION

BASIC FILING FEE

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	($)	Code	($)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
				SUBTOTAL (1)	$750

EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from Extra Claims below	Fee Paid		Fee Paid
Total Claims	26	-20** =	6	18	$108 ✓
Independent Claims	5	-3** =	2	84	$168
Multiple Dependent			0		$0

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	($)	Code	($)		
1202	18	2202	9	Claims in excess of 20	$108
1201	84	2201	42	Independent claims in excess of 3	$168
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
				SUBTOTAL (2)	$276

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	($)	Code	($)		
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requsting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requsting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive – unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	$40.00
1809	750	2809	375	Filing a sub, ission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
				Other fee (specify) _____	
				*Reduced by Basic Filing Fee Paid SUBTOTAL (3)	$ 40.00

SUBMITTED BY		(Complete (if applicable))		
Name (Print/Type)	HAZIM H. ANSARI	Registration No. (Attorney/Agent)	40.896	Telephone 714-368-9753
Signature				Date 1/5/04